5/20/11

LOOKING AHEAD

The Toxics Cleanup Program continues work on updating the Sediment Management Standards to provide a consistent decision process for addressing contaminated sediments. Many of the issues have both science and policy components. Here is a look at what we see as the priority scientific issues we expect to refer to the Science Panel over the next one to two years.

PROPOSED & TENTATIVE SCHEDULE

	2011/2012	
Spring	May 20, 2011	Freshwater sediment standards Toxicity Information
Summer	Tentative: last week in August	Risk from contaminated sediments (very tentative)
Fall	Tentative: week after Thanksgiving	tbd
Winter	Tentative: last Friday in Feb?	tbd

TENTATIVE FUTURE SCIENCE PANEL TOPICS

	PRIORITY	Reason
Human Health Risk		
Risk from contaminated sediments		
Ingestion, dermal exposure, concurrent exposures, fish tissue concentrations. Exposure scenarios: Beach play – intertidal zone (child exposure); Tribal clam digging - intertidal (adult exposure); Recreational clam digging – intertidal (adult exposure); Tribal net fishing (adult exposure).	high	Model for predicting human health risk from contaminated sediments
Fish Consumption		
Tribal fish consumption rates	high	Rule making issue
Fish diet fraction	medium	
Toxicity information		
Incorporating recent science	medium	CLARC updates
Environmental Risk		
tbd		
Chemical fate and transport		
Petroleum		
Analytic issues related to finalizing Ecology's TPH Guidance	medium	Frequently asked questions
Methods for evaluating site-specific variability in TPH fraction data	medium	

Empirical demonstrations

Requirements for empirical demonstrations (required testing, data interpretation); what's required to determine a steady state condition exists (or when can you assume a steady state approximation is adequate)	medium	Frequent queston

Vapor intrusion

Background and indoor air sources, fate and transport.	medium	Rule making issue

Remedy Selection

Exposure scenarios

Soil: Exposure scenarios for evaluating the protectiveness of soil remediation levels, including alternative land uses and soil covers	medium
Groundwater: Exposure scenarios for evaluating the protectiveness ground water remediation levels, including the effectiveness of institutional controls restricting ground water use	high

Other

Washington Ranking Model (WARM) topics	tbd

RECENT PAST TOPICS (THIS LIST INCLUDED FOR REFERENCE PURPOSES)

Arsenic soil concentrations (12/06)
Concurrent exposure pathways: ingestion + dermal + inhalation (6/09)
Definition of carcinogen
Dioxin and PAH TEFs (12/06, 3/07)
Early life exposures / children's increased susceptibility to chemical carcinogens (3/10)
Fish consumption rates (12/07, 3/08, 6/08)
Freshwater sediment standards (8/10)
Inhalation unit risk (3/10)
Lead toxicity and exposure models
Toxicity hierarchy (3?10)
Toxicity updates and MTCA cleanup levels (3/10)
Vapor intrusion (11/09)